UNITED STATES PATENT AND TRADEMARK OFFICE

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10/612,457	07/02/2003	Fabian F. Morgan	AUS920030292US1	5384

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ART UNIT	PAPER NUMBER
2192	

MAIL DATE	DELIVERY MODE
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

PTOL-90A (Rev. 04/07)

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>06 September 2007</u>.

2a)☒ This action is **FINAL.**   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1 and 3-23</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1 and 3-23</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application

6)☐ Other: _____.

DETAILED ACTION

1.   This action is responsive to the amendment filed on 09/06/2007.

2.   Claims 1, 5, 12-13 and 14-23 have been amended.

3.   Claim 2 has been cancelled.

4.   Claims 1 and 3-23 have been reexamined.

Claim Rejections - 35 USC § 102

5.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed
> in the United States before the invention by the applicant for patent or (2) a patent granted on an application for
> patent by another filed in the United States before the invention by the applicant for patent, except that an
> international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this
> subsection of an application filed in the United States only if the international application designated the United
> States and was published under Article 21(2) of such treaty in the English language.

6.   Claims 1 and 3-23 are rejected under 35 U.S.C. 102(e) as being anticipated by Upton (US

2003/0110315 A1).

Per claim 1 (Currently Amended), Upton discloses a method, in a data processing system,

for code reusability and maintainability (e.g. Figure 4 and related text), the method comprising:

        providing a utility class in a server (e.g. Figure 3, server 304 and related text), wherein

the utility class [[that]] defines a utility method (para [0109] "... provide utility classes ..."), the

utility method being written in an object oriented programming language (para [0120-0123] "...

public Class getManagedConnection Factory-Class( )...");

        receiving a markup language request at the server for an entity from a client, the markup

language request including a response object name (para [00176] "... request XML..." and para

[0179] "... public void onAsyncServiceResponse (object asr)...");

responsive to receiving [[a]] the markup language request at the server for attributes for [[an]] the entity from a client (parag [0076] "... request XML ..."), generating a method call for the utility method, wherein the method call identifies the entity and a response object name (para [0178] "... an event such as public void can be generated ...");

generating a markup language response object and assigning the response object name to the markup language response object (para [0174] "... a method such as public return a value ..."); and

returning the markup language response object to the client (para [076] "... view the response XML ..." and e.g. Figure 3, 300 and related text).

Per claim 3 (Currently Amended), Upton discloses the method of claim 1, wherein the markup language request is an extensible markup language request (para[0046] "... XML document ...").

Per claim 4, Upton discloses the method of claim 3, wherein the extensible markup language request is one of a list request and a get request (para [0076] "... information such as ... list of events and list of service ... view the appropriate XML ...").

Per claim 5 (Currently Amended), Upton discloses the method of claim 1, further comprising: retrieving, by the utility method, at least one data item for the method call and the entity, wherein the markup language response object includes the at least one data item (para [0082] "... message bundle to retrieve ... message ...").

Per claim 6, Upton discloses the method of claim 5, wherein the step of retrieving at least one data item include retrieving the at least one data item from a database (e.g. Figure 1, Database and related text).

Per claim 7, Upton discloses the method of claim 6, wherein the at least one data item is retrieved from the database through a structured query language interface (e.g. Figure, 1 SQL and related text).

Per claim 8, Upton discloses the method of claim 5, wherein the request includes a list of attributes (para [0127] "...required attribute ...").

Per claim 9, Upton discloses the method of claim 8, wherein the at least one data item includes a set of attributes for the entity, wherein the set of attributes corresponds to the list of attributes (e.g. Figure 1 and related text).

Per claim 10, Upton discloses the method of claim 9, wherein the list of attributes is an empty string (para [0164] "...method can return ... null ...").

Per claim 11, Upton discloses the method of claim 10, wherein the set of attributes includes all attributes for the entity (para [0127] "...required attribute ...").

Per claim 12 (Currently Amended), Upton discloses the method of claim 1, wherein the markup language response object is an extensible markup language document (para [0127] "...required attribute ...").

Per claim 13, this is the apparatus version of the claimed method discussed above (Claim 1), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Upton.

Per claim 14, this is the apparatus version of the claimed method discussed above (Claim 3), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Upton.

Per claim 15, this is the apparatus version of the claimed method discussed above (Claim 5), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Upton.

Per claim 16, this is the apparatus version of the claimed method discussed above (Claim 6), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Upton.

Per claim 17, this is the apparatus version of the claimed method discussed above (Claim 8), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Upton.

Per claim 18, this is the apparatus version of the claimed method discussed above (Claim 9), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Upton.

Per claim 19, this is the apparatus version of the claimed method discussed above (Claim 10), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Upton.

Per claim 20, this is the apparatus version of the claimed method discussed above (Claim 11), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Upton.

Per claim 21, this is the apparatus version of the claimed method discussed above (Claim 12), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Upton.

Per claim 22, this is the program product version of the claimed method discussed above (Claim 1), wherein all claim limitations have been addressed and/or covered in cited areas as set forth above. Thus, accordingly, these claims are also anticipated by Upton.

Per claim 23 (New), Upton discloses the method of claim 1, wherein the server is located at a first computer system, wherein the client is located at a second computer system, and

wherein the first computer system is separate from the second computer system (e.g. Figure 3, Server 304 and related text).

Response to Arguments

7.   Applicant's arguments filed 09/06/2007 have been fully considered but they are not

persuasive.

The amended claim limitations have been addressed. See the cited part above.

Conclusion

8.   Applicant's amendment necessitated the new ground(s) of rejection presented in this

Office action. Accordingly, **THIS ACTION IS MADE FINAL.** See MPEP § 706.07(a).

Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within TWO

MONTHS of the mailing date of this final action and the advisory action is not mailed until after

the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

however, will the statutory period for reply expire later than SIX MONTHS from the date of this

final action.

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Isaac T. Tecklu whose telephone number is (571) 272-7957. The

examiner can normally be reached on M-TH 9:300A - 8:00P.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Tuan Q. Dam can be reached on (571) 272-3695. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Isaac Tecklu
Art Unit 2192

TUAN DAM
SUPERVISORY PATENT EXAMINER